

CLAIMS

- [001] A coffee machine for preparing coffee, in particular based on coffee pads, which comprises a continuous heater (38) provided with a water-guiding pipe (40) that is thermally connected to at least one heating rod (42, 44) by means of at least one contact surface (84, 86), and a pump (32) for transporting water through the continuous heater (38), characterised in that the at least one contact surface (84, 86) between the pipe (40) and the at least one heating rod (42, 44) is embodied such that it is flat.
- [002] The coffee machine according to claim 1, characterised in that at least two heating rods (42, 44) are thermally connected to the pipe (40) by means of respectively at least one contact surface (84, 86).
- [003] The coffee machine according to claim 2, characterised in that respectively two heating rods (42, 44) are provided on opposite sides of the pipe (40).
- [004] The coffee machine according to any one of claims 1 to 3, characterised in that the pipe (40) and the at least one heating rod (42, 44) are held together by a sleeve (64).
- [005] The coffee machine according to claim 4, characterised in that a temperature sensor (56) is arranged in the area of the sleeve (64).
- [006] The coffee machine according to any one of the preceding claims, characterised in that the pipe (40) has ends (88, 90) into which preferably hose-like connecting pieces (66, 68) of a water supply and/or water exit can be inserted.
- [007] The coffee machine according to claim 6, characterised in that the connecting pieces (66, 68) are provided with seals (70, 72).

- [008] The coffee machine according to claim 6 or claim 7, characterised in that the connecting pieces (66, 68) are made of plastic and comprise securing means (74, 76, 78, 80) for securing the continuous heater (38) on a housing of the coffee machine.
- [009] The coffee machine according to claim 8, characterised in that holders for further components are provided on the securing means (74, 76, 78, 80).